

I am an amateur radio operator currently licensed as K2WH in north west New Jersey. My frequencies of operation cover the entire HF spectrum up to including UHF. The same HF spectrum that is proposed to be used by Broadband over Power Lines or BPL for short.

I have read many of the reports pro and con about BPL and I fail to see how existing services can co-exist with this service. In my particular case, I am using a non-rotary wire dipole where one end of this dipole is only 10 feet from these very same power lines that may one day carry and radiate BPL energy. There is no power limit I could possibly think of that would not completely destroy my ability to read/copy weak signals. For that matter reading strong signals would present a problem. I cannot reorient this antenna either. I'm sure there are many amateurs in this exact same situation. Fixed dipoles are the rule not the exception in the amateur service.

On the other hand, what will my licensed signals do to the BPL system when I am running 1.5kw within 10 feet of this very same power line. In closing, Part 15 radiation limits lower radiation limits would only create severe interference for my station and I'm sure my station would interfere with the BPL signal and all the subscribers on the system in my neighborhood. Therefore, radiation limits of BPL must be lowered in order to avoid a catastrophe for licensed users of the HF spectrum and a huge enforcement problem for the FCC.

K2WH